

**In the Specification:**

Please amend the specification as shown:

Please delete paragraph [0008] on page 3, and replace it with the following paragraph:

[0008] Fig. 1 is the enzyme donor amino acid sequence (SEQ ID NO: 2) and nucleic acid sequence (SEQ ID NO: 1);

Please delete paragraph [00072] on pages 24-25, and replace it with the following paragraph:

[00072] The cDNAs encoding I $\kappa$ B and ED (Fig. 1) were amplified with Pfu DNA polymerase (Stratagene, CA). Both I $\kappa$ B $\alpha$  and I $\kappa$ B M were amplified using forward primer: 5'-CCGAAGCTTATGTTCCAGGCGGCCGAG-3' (SEQ ID NO: 3) and reverse primer: 5'-ATAGGATCCTAACGTCAGACGCTGGCC-3' (SEQ ID NO: 4). These primers incorporated a Hind III at the 5' end and a Bam HI at the 3' end of the PCR products. Also, the stop codon of the I $\kappa$ B was removed in order to provide an open reading frame with ED. pCMV- I $\kappa$ B and pCMV- I $\kappa$ B M (CLONTECH, CA) was used as PCR template. I $\kappa$ B M contains a serine to alanine mutation at amino acid residue 32 and 36. These two sites are critical to the phosphorylation of I $\kappa$ B, and the mutant results in the resistance of I $\kappa$ B to degradation (Ref...). ED, on the other hand was amplified using forward primer: 5'-ATAGGATCCATGAGCTCCAATTCACTGGCCG-3' (SEQ ID NO: 5) and reverse primer 5'-ATAAGAATGCGGCCGCCTATTCGCCATTCAGGCTGCGC-3' (SEQ ID NO: 6). The forward primer incorporated a Bam HI site to the ED and the reverse primer incorporated a Not I site to the ED as well as a stop codon. The amplification was using the PCR program with denature DNA at 92°C for 1 min, anneal at 52°C for 1 min and then elongate at 72°C for 2 min, followed by 29 cycles repeating in total. The amplified PCR products were ligated at the Bam HI site and the resulting fusion constructs were subcloned into a mammalian expression vector pCMV at the sites of Hind III and Not I resulting in the construct

- designated pCMV- I $\kappa$ B -ED. pCMV vector originated from pCMV- I $\kappa$ B  $\alpha$  (CLONTECH, CA), where the I $\kappa$ B  $\alpha$  was substituted by I $\kappa$ B -ED fusion construct. The pCMV-ED construct was obtained by inserting ED PCR product into the Bam HI site and Not I site following standard molecular biology procedure (Maniatis et al;).